



Substitute for form 1449/PTO  
(Revised 04/2003)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1	Examiner Name	Lucas, Zachariah
				Attorney Docket Number	038779/271509

## Complete if Known

Application Number	10/720,662
Filing Date	November 24, 2003
First Named Inventor	Moon et al.
Group Art Unit	1648

Examiner Name Lucas, Zachariah

Attorney Docket Number 038779/271509

## OTHER DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
32	14	E. Miskovsky et al. Comparative safety and immunogenicity of yeast recombinant hepatitis B vaccines containing S and pre-S2+S antigens, Vaccine 9: 346-350, 1991	
32	15	S. Kuroda et al. Induction of protection level of anti-pre-S2 antibodies in humans immunized with a novel hepatitis B vaccine consisting of M (preS2+S) protein particles (a third generation vaccine). Vaccine 9: 163-169, 1991	
32	16	P.J. Kniskern et al. A candidate vaccine for hepatitis B containing the complete viral surface protein. Hepatology 8: 82-87, 1988	
32	17	D.N. Standring, J.H. Ou, W.J. Rutter. Assembly of viral particles in Xenopus oocytes: pre-surface-antigens regulate secretion of the hepatitis B viral surface envelope particle. Proc. Natl. Acad. Sci. USA 83: 9338-9342, 1986	
32	18	F.V. Chisari, P. Filippi, A. McLachlan, D.R. Milich, M. Riggs, S. Lee, R.D. Palmiter, C.A. Pinkert, R.L. Brinster. Expression of hepatitis B virus large envelope polypeptide inhibits hepatitis B surface antigen secretion in transgenic mice. J. Virol. 60: 880-887, 1986	
32	19	K.C. Cheng, G.L. Smith, B. Moss. Hepatitis B virus large surface protein is not secreted but is immunogenic when selectively expressed by recombinant vaccinia virus. J. Virol. 60: 337-344, 1986	
32	20	J. Hui et al. Expression and characterization of chimeric hepatitis B surface antigen particles carrying pre-S epitopes. J. Biotechnol. 72: 49-59, 1999	

Examiner Signature		Date Considered	6/13/05
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.